

## Claims

1. System for condition-based maintenance of at least one decentralized technical installation (1), with recording means (2) for recording condition values of the technical installation (1), with transmission means (3,4) for transmission of the recorded condition values to a central maintenance management system (5), that has a first means (6) for evaluation of the condition values and a second means (7) for generation of maintenance orders (8),  
10 relative to the result of the evaluation of the condition values.

2. System in accordance with claim 1, characterized in that the second means (7) of the central maintenance management system 15 (5) is provided for the generation of maintenance orders (8) corresponding to predefined rules

3. System in accordance with claim 1 or 2, characterized in that 20 the central maintenance management system (5) has a third means for the implementation, monitoring and/or documentation of the generated maintenance order (8).

4. System in accordance with one of the preceding claims, 25 characterized in that the transmission means (3,4) is provided for the transmission of the recorded condition values by means of e-mail transfer.

5. System in accordance with one of the preceding claims, 30 characterized in that the transmission means (3,4) is provided for the transmission of the recorded condition values by means of http transfer.

6. System in accordance with one of the preceding claims, 35 characterized in that the recording means (2) is part of a stored program controller (20) or a SCADA system (21).

REPLACED BY  
ART 34 AMDT

7. System in accordance with one of the preceding claims,  
characterized in that  
the maintenance management system (5) is linked to an industrial  
5 framework system.

8. Method for the condition-based maintenance of at least one  
decentralized technical installation (1), whereby condition values  
of the technical installation (1) are recorded by means of recording  
10 means (2), the recorded condition values are transmitted to a  
central maintenance management system (5) by means of transmission  
means (3,4), with the central maintenance management system (5)  
evaluating the condition values by means of first means (6) and  
maintenance orders (8) being generated by second means (7) relative  
15 to the result of the evaluation of the condition values.

REPLACED BY  
ART 34 AMDT